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IN THE SPECIFICATION:

Please amend the specification as follows:

On page 6, lines 1 through 18, please amend the paragraphs as follows:

FIG. 3 is a perspective view of a motor housing 10 as shown in FIG. 1.

On page 6, lines 1 through 18, please amend the paragraphs as follows:

Detailed Description of the Invention

B1

Referring to FIGS. 1-3, a method for cooling a motor in a blower housing assembly for furnaces according to one embodiment of the invention is shown. A motor cover or housing 10 is configured to encompass a motor 12 which comprises a shaft 14, rotor 16 and stator 18. Motor cover 10 has portions that define a shaft bushing 20 and mechanical fastener bores 22 for securing motor 12 to motor cover 10. Motor cover 10 has flanges 24 each of which has portions defining a fastener bore 26 for securing motor cover 10 to an impeller housing 28 which is configured to encompass an impeller 30 which is attached to shaft 14. Impeller 30 is situated in impeller housing 28 such that impeller 30 can freely rotate within said impeller housing 28.

On page 6, line 27 through page 7, line 18, please amend the paragraphs as follows:

B2

The method of venting the air in furnaces according to the foregoing description results in a blower design that eliminates the need for an auxiliary fan (not shown) attached to shaft 14. In this method there is at least one hole or aperture 32 situated anywhere in a motor case or housing 10 that allows for air to enter the housing 10 to cool the bearings (not shown) of the motor 12 and the motor 12 itself in the motor case 10. The warm air flows across and around the motor 2 in the direction of the impeller housing 28 and through an inlet port 41 in the impeller housing 28. The air then flows through at least one any size hole or aperture 36 located on the back plate 42 of the impeller 30 from the motor case 10 by rotation of the impeller 30. The exhaust air from the impeller 30 is directed out of the outlet pipe 40 connected to the impeller housing 28.